

Converting Colors

YUV(202.4880, -13.5516,
6.5880)

Have a look what the booklet for
YUV(202.4880, -13.5516, 6.5880)
contains.

YUV(202.4880, -13.5516, 6.5880)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(202.4880, -13.5516,
6.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	D2CCAF
RGB	210, 204, 175
RGB Percent	82%, 80%, 69%
CMY	0.1765, 0.2000, 0.3137
CMYK	0.00, 0.03, 0.17, 0.18
HSL	50°, 28%, 75%
HSV	50°, 17%, 82%
XYZ	55.9091, 59.9825, 49.1885
YIQ	202.4880, 12.8850, -7.7470

Conversions

Conversions Part 2

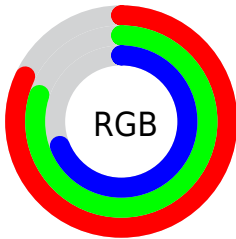
Format	Color
RYB	182, 210, 175
Decimal	13814959
CIELab	81.83, -2.74, 15.21
CIElCh	82, 15.453, 100.197
Yxy	59.9825, 0.3387, 0.3634
Android (android.graphics.Color)	4292005039 (0xFFD2CCAF)
YUV	202.4880, -13.5516, 6.5880
Hunter-Lab	77.4484, -6.6776, 16.5580

Details

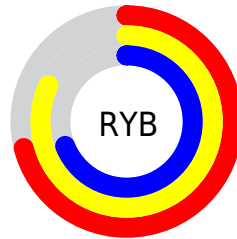
The YUV color **202.4880, -13.5516, 6.5880** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **182.5120, 13.5516, -6.5880**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.2640, -10.4832, 2.3995**, and **148.3030, -12.9674, 5.8733** is the 20% darker color. If you saturate the color by 10%, you get **197.7460, -21.5668, 10.7468**, and if you desaturate by 10%, it is **207.2300, -5.5364, 2.4293**.

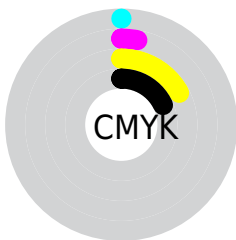
Distribution



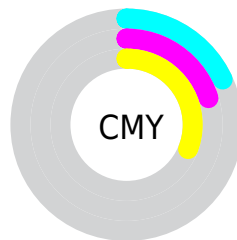
- Red (82%)
- Green (80%)
- Blue (69%)



- Red (71%)
- Yellow (82%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (17%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.4880, -13.5516, 6.5880 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 202.4880, -13.5516, 6.5880 by changing the saturation by 10% instead.

■ 202.4880,
-13.5516, 6.5880

■ 202.4880,
-13.5516, 6.5880

255.0000, 0.0000,
0.0000

■ 175.1890,
-13.4042, 5.9732

■ 252.2640,
-10.4832, 2.3995

■ 148.3030,
-12.9674, 5.8733

■ 122.5310,
-12.0938, 5.6733

■ 97.6450, -11.6570,
5.5733

■ 73.4600, -11.0728,
4.8586

■ 51.2750, -10.4886,
4.1438

■ 29.9330, -11.7990,

4.4438

■ 6.1800, -3.0467,
-2.7889

■ 0.0000, 0.0000,
0.0000

■ 202.4880,
-13.5516, 6.5880

■ 202.4880,
-13.5516, 6.5880

■ 197.7460,
-21.5668, 10.7468

■ 207.2300, -5.5364,
2.4293

■ 193.5910,
-29.8714, 14.3907

■ 211.3850, 2.7682,
-1.2146

■ 188.8490,
-37.8866, 18.5494

■ 216.1270, 10.7834,
-5.3734

■ 184.6940,
-46.1911, 22.1934

■ 219.8260, 17.3408,
-8.6174

■ 179.9520,
-54.2063, 26.3521

■ 222.1740, 16.1832,
-10.6766

■ 175.2100,
-62.2215, 30.5108

■ 224.5220, 15.0257,
-12.7358

■ 171.0550,
-70.5261, 34.1548

■ 226.2830, 14.1575,
-14.2802

■ 166.3130,
-78.5413, 38.3135

■ 228.6310, 12.9999,
-16.3394

■ 164.9280,
-81.3095, 39.5281

■ 230.3920, 12.1317,
-17.8838

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



203.9670, -13.2947, 17.5689



202.4880, -13.5516, 6.5880



200.4370, -9.5824, -6.5222

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



202.4880, -13.5516, 6.5880



199.0980, 11.2907, -28.1499



206.7340, 3.5821, 17.7733

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



202.4880, -13.5516, 6.5880



182.5120, 13.5516, -6.5880

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



205.3780, 10.1666, 5.8075



202.4880, -13.5516, 6.5880



201.2390, 14.1792, -21.2576

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



202.4880, -13.5516, 6.5880



198.3880, 4.7387, -26.6503



203.6150, 13.9938, -8.4324



206.5300, -3.7123, 24.0912

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



202.4880, -13.5516, 6.5880



199.5330, -5.1928, -14.4994



203.6150, 13.9938, -8.4324



206.5810, 5.6296, 14.3995

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



202.4880, -13.5516, 6.5880



252.3440, -5.0996, 2.3293



186.1490, -2.5385, 20.9173



125.9140, -2.9156, 1.8294



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



202.4880, -13.5516, 6.5880



243.9030, -19.6722, 9.7321



202.7210, -13.6665, -3.2633



102.5720, -4.2260, 2.1294



131.8250, -64.9897, 31.7255



32.2170, -15.8830, 7.7027

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



182.5120, 13.5516, -6.5880



215.0970, 19.6722, -9.7321



182.2790, 13.6665, 3.2633



96.4280, 4.2260, -2.1294



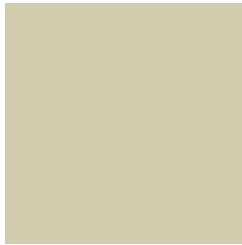
36.1750, 64.9897, -31.7255



8.7830, 15.8830, -7.7027

Previews

White Background



This preview shows how the YUV color 202.4880, -13.5516, 6.5880 looks on a white background.

Color Contrast Check

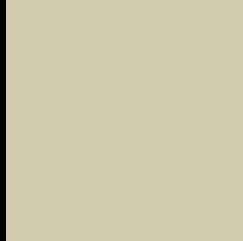
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 202.4880, -13.5516, 6.5880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

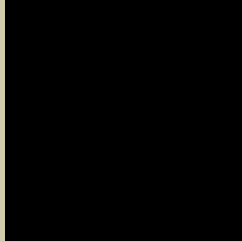
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

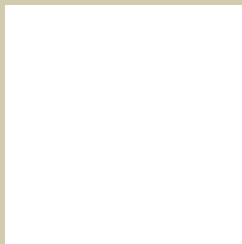
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 202.4880, -13.5516, 6.5880

Background



This preview shows how black text looks on a background with the YUV color 202.4880, -13.5516, 6.5880.



This preview shows how white text looks on a background with the YUV color 202.4880, -13.5516, 6.5880.

6.5880.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

202.4880, -13.5516, 6.5880

Protanopia

202.9830, -14.2886, 9.6619

Deuteranopia

204.8970, -13.7532, 24.6463



Tritanopia

204.9070, 4.4828, 8.8516

Trichromacy



Original Color

202.4880, -13.5516, 6.5880

Protanomaly

202.6840, -14.1412, 9.0471

Deuteranomaly

204.1520, -13.8789, 18.2837

Tritanomaly

203.8870, -1.9163, 7.9921

Monochromacy



Original Color

202.4880, -13.5516, 6.5880

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.3440, -5.0996, 2.3293

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.4880, -13.5516, 6.5880 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(210, 204, 175)` looks like.

```
.text, #text, p{  
    color:rgb(210, 204, 175)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(210, 204, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 204, 175) }
```

Border

The CSS property to change the border of an element to YUV 202.4880, -13.5516, 6.5880 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 204, 175) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(210, 204, 175) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(210, 204, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 204, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 204, 175);  
box-shadow:4px 4px 4px 4px rgb(210, 204,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 202.4880, -13.5516, 6.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 204, 175) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(210,  
204, 175) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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